

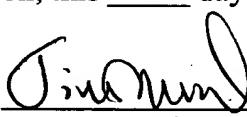
ASSIGNMENT

WHEREAS, We, Timothy A. Bird, residing at Bainbridge Island, Washington G. Duke Virca, residing at Bellevue, Washington, Unja Martin, residing at Seattle, Washington, and Dirk M. Anderson, residing at Seattle, Washington, are the inventors named in the U.S. application entitled "NOVEL MURINE AND HUMAN KINASES," Serial No. 09/980,464 which was filed on November 27, 2001;

AND, WHEREAS, IMMUNEX CORPORATION, a corporation of the State of Washington, having a principal place of business at 51 University Street, Seattle, Washington 98101 (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire right and title to and interest in the invention(s) disclosed in said application;

NOW, THEREFORE, for sufficient, good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign, and transfer unto said ASSIGNEE our entire right and title to and interest in said application and said invention(s) and all U.S. and foreign applications and patents on said invention(s) to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment, and transfer not been made, and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention(s), to enforce any and all patents on said invention(s), and to confirm in ASSIGNEE legal title to said invention(s) and all applications and patents on said invention(s), all without charge to ASSIGNEE but at no expense to us.

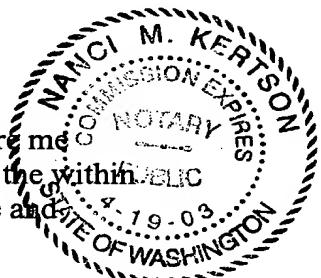
Executed at Seattle, Washington, this 3rd day of January, 2002



Timothy A. Bird

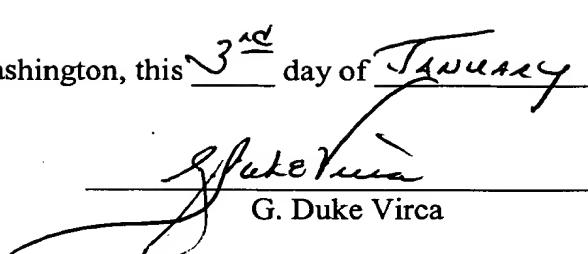
STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

On this 3rd day of January, 2002, personally appeared before me Timothy A. Bird, to me known to be the individual named above who executed the within public and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.



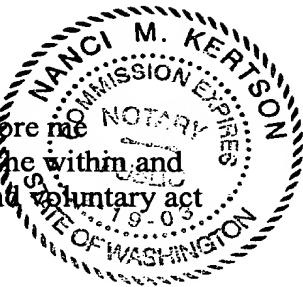

Print name: Nanci M. Kertson
Notary Public in and for the State of Washington.
My appointment expires 4-19-03

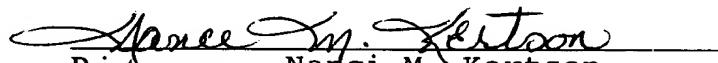
Executed at Seattle, Washington, this 3rd day of January, 2002


G. Duke Virca

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

On this 3rd day of January, 2002, personally appeared before me G. Duke Virca, to me known to be the individual named above who executed the within and foregoing instrument, and acknowledged that he signed the same as his free and voluntary act and deed, for the uses and purposes therein mentioned.




Print name: Nanci M. Kertson

Notary Public in and for the State of Washington.

My appointment expires 4-19-03

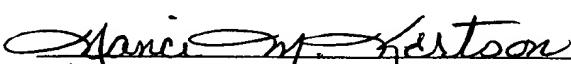
Executed at Seattle, Washington, this 4th day of January, 2002


Unja Martin

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

On this 4th day of January, 2002, personally appeared before me Unja Martin, to me known to be the individual named above who executed the within and foregoing instrument, and acknowledged that she signed the same as her free and voluntary act and deed, for the uses and purposes therein mentioned.




Print name: Nanci M. Kertson

Notary Public in and for the State of Washington.

My appointment expires 4-19-03

Immunex Corporation
Assignment

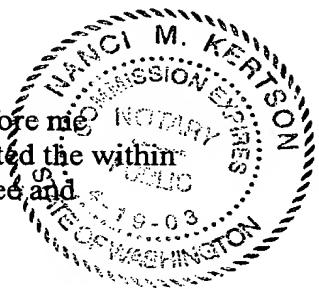
Docket No. 2923-US

Executed at Seattle, Washington, this 3 day of January, 2002.

Dirk M. Anderson
Dirk M. Anderson

STATE OF WASHINGTON)
) ss.
COUNTY OF KING)

On this 3rd day of January, 2002, personally appeared before me
Dirk M. Anderson, to me known to be the individual named above who executed the within
and foregoing instrument, and acknowledged that he signed the same as his free and
voluntary act and deed, for the uses and purposes therein mentioned.



Nanci M. Kertson
Print name: Nanci M. Kertson
Notary Public in and for the State of Washington.
My appointment expires 4-19-03